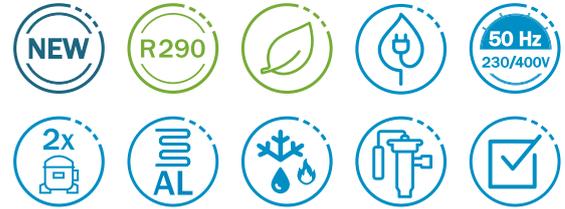


intarblock PRO



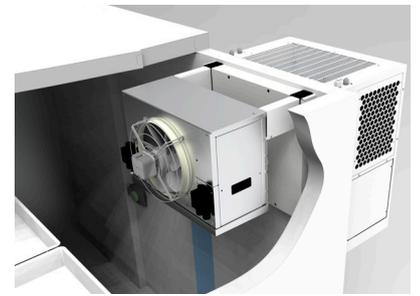
New range of R-290 self-contained slim monoblock designed by and for technicians. For small and medium refrigeration and conservation cold rooms. Units for wall-mount installation.

FEATURES

R-290 refrigerant charge.	■
Refrigeration circuit independent per compressor.	■
Hermetic reciprocating compressors mounted on rails to reduce vibrations.	■
Condensing coil in microchannel with polyester paint treatment.	■
AC evaporator fans, and EC condenser fans.	■
High pressure switch.	■
Removable stainless steel drain pan for cleaning and stainless steel coil.	■
Washable suction screen filtering mesh.	■
Drainage resistance in self-regulating NT models.	■
Wall-mount installation 80-150 mm.	■
Access to electrical panel with hinged register.	■
Hot gas defrosting.	■
Thermostatic expansion valve.	■
Aluminium plates covered with film for protection during transport in evaporator.	■
Multifunction electronic regulation.	■
Cold room LED light.	■
EC radial fan with vertical discharge (only for standard air-condensed units).	□
Bi-temperature adaption.	□
Condensation with water at a temperature between 5 and 50 °C.	□
Condensation with glycol water at a temperature between -10 and 5 °C (only in NT models). Includes automatic pressostatic water valve controlled by condensing pressure, with direct drive.	□
Water solenoid valve for installation outside the unit.	□
Unit adaptation for outdoor installation.	□
Halogen-free supply connection (5 m).	□
Male and female schuko electrical connector base.	□
Low voltage protection (single-phase models).	□
Low voltage and phase sequence protection (three-phase models).	□
Change to 230V 50Hz power supply in three-phase models.	□
Drain resistance (for room temperature < 0 °C in PT models).	□
Master-slave (alternative + simultaneous).	□

■ As standard □ Optional

Installation example



Aluminium cubic evaporator

Aluminium provides better heat transfer than other materials and optimum low temperature operation.

Cubic type evaporators have a greater air range than ceiling type evaporators.

Electronic control

intarblock PRO units incorporate as standard the advanced XM670K electronic control.

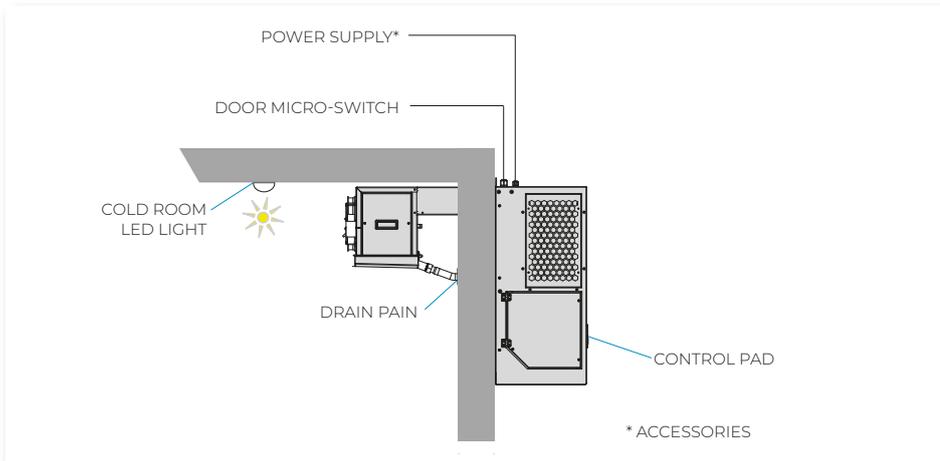


- ▶ Remote control keyboard with digital display.
- ▶ Internal clock for programming of energy saving cycles and defrost.
- ▶ Possibility of interconnection and synchronization of up to 8 devices by LAN, managed from a single control.

Accessories CV-NPD units

- ▶ Hopper for adaptation to circular duct.
- ▶ Through-wall insulation pad 100 mm).
- ▶ Through-wall insulation pad 150 mm.
- ▶ Non-return damper.
- ▶ Door micro-switch.
- ▶ 5 metres of electrical supply hose.

Installation scheme



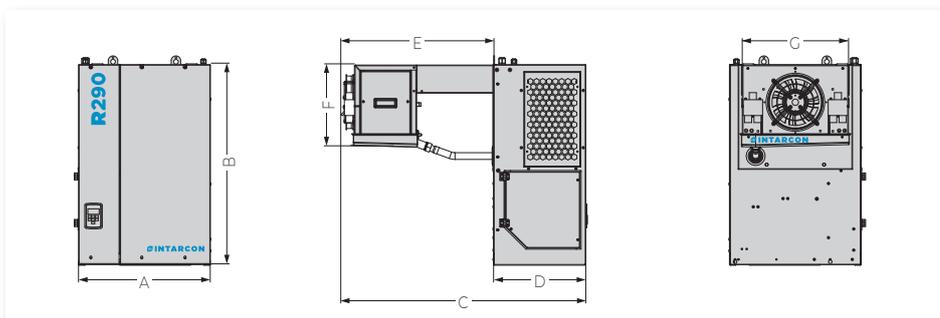
230V I+N ~ 50Hz / 400V 3N ~ 50Hz | Positive temperature | Hermetic compressor | R-290

Refrigerant	Series / Model	Power supply	Compressor (HP)	Cooling capacity / Cold room volume, according to cold room temperature ⁽¹⁾						Input power (W)	Max. current (A)	Evap. air flow (m³/h)	Condens. air flow [Opt. radial] (m³/h)	Refrigerant charge per circuit (g) ⁽²⁾	Weight (kg)	SPL dB(A) ⁽³⁾	Price (€)
				0 °C		5 °C		10 °C									
				W	m³	W	m³	W	m³								
R-290	MCV-NPD-1008A	230V I+N ~ 50Hz	1/3	720	5	851	10	995	16	464	4.1	750	1450	<150	68	43	
	MCV-NPD-1012A	230V I+N ~ 50Hz	1/2	958	8	1144	14	1345	24	635	6.5	750	1450	<150	68	43	
	MCV-NPD-1018A	230V I+N ~ 50Hz	3/4	1220	12	1447	20	1688	33	759	5.8	750	1450	<150	72	43	
	MCV-NPD-2026A	230V I+N ~ 50Hz	1	1733	19	2086	32	2491	53	1107	11.2	1350	1600	<150	109	41	
	MCV-NPD-2034A	230V I+N ~ 50Hz	1	2251	26	2668	43	3119	70	1491	14.8	1350	1600	<150	109	42	
	MCV-NPD-2035A	230V I+N ~ 50Hz	2x 3/4	2432	29	2847	47	3302	75	1459	11.1	1350	1600	<150	116	41	
	MCV-NPD-3052A	400V 3N ~ 50Hz*	2x1	3578	47	4329	78	5065	140	2309	9.3	2800	3000	<150	142	44	
MCV-NPD-3069A	400V 3N ~ 50Hz*	2x1	4505	62	5329	100	6180	180	3091	12.9	2800	3000	<170	142	45		

230V I+N ~ 50Hz / 400V 3N ~ 50Hz | Negative temperature | Hermetic compressor | R-290

Refrigerant	Series / Model	Power supply	Compressor (HP)	Cooling capacity / Cold room volume, according to cold room temperature ⁽¹⁾						Input power (W)	Max. current (A)	Evap. air flow (m³/h)	Condens. air flow [Opt. radial] (m³/h)	Refrigerant charge per circuit (g) ⁽²⁾	Weight (kg)	SPL dB(A) ⁽³⁾	Price (€)
				-25 °C		-20 °C		-15 °C									
				W	m³	W	m³	W	m³								
R-290	BCV-NPD-1018A	230V I+N ~ 50Hz	3/4	469	1	584	3	706	5	588	5.8	750	1450	<150	72	43	
	BCV-NPD-2026A	230V I+N ~ 50Hz	3/4	703	3	867	6	1085	11	907	9.6	1350	1600	<150	109	41	
	BCV-NPD-2034A	230V I+N ~ 50Hz	3/4	955	6	1166	10	1423	18	1141	11.5	1350	1600	<150	109	41	
	BCV-NPD-3052A	230V I+N ~ 50Hz	2x 3/4	1406	12	1776	21	2249	36	1926	18.1	2800	3000	<150	142	44	
	BCV-NPD-3054A	230V I+N ~ 50Hz	1	1367	11	1787	21	2323	38	1732	18.2	2800	3000	<150	131	45	
	BCV-NPD-3068A	230V I+N ~ 50Hz ⁽⁴⁾	1 1/4	1665	15	2173	28	2792	49	2028	23.9	2800	3000	<150	131	44	
	BCV-NPD-3069A	400V 3N ~ 50Hz*	2x 3/4	1905	19	2372	32	2898	52	2402	11.9	2800	3000	<150	142	46	

DIMENSIONS



Dimensions (mm)	A	B	C	D	E	F	G	H	I	J	K	L
1 series	556	853	1023	390	693	348	468	448	56	341	129	450
2 series	706	853	1173	455	720	448	618	640	56	491	129	560
3 series	906	853	1101	455	686	455	878	890	56	761	129	560

⁽¹⁾ Nominal performances refer to operation with cold room temperatures of 0 °C (PT) and -20 °C (NT), ambient temperature of 35 °C. Estimated cold room volume according to conditions of the calculation bases (page 12).

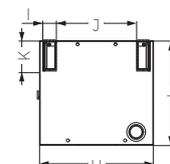
⁽²⁾ A3 refrigerant charge below 500 g, simplified compliance with EN378.

⁽³⁾ Condenser sound pressure level, with directivity 1, measured at 10 m from the unit (non-binding value calculated from sound power).

* 230V 50Hz available model.

* Power supply change by demand.

DROP-IN FRAME



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